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#-4, 5TH MAIN MALLESWARAM, BANGALORE -3

Certificate No: TC-8995

TEST REPORT OF FINE AGGREGATE

Lab ID : CP-2018-08-13-07

Sample ID No : 2018-08-13-07 /03

Date: 16-08-18

TECHNICAL PROPERTIES

Sl.No	Tests	Result	Requirements as per IS 383:2016
1	Water Absorption(%)	1.42	-
2	Specific Gravity	2.53	-
3	Material finer than 75 micron(%)	4.5	Uncrushed fine Aggregate Max 3%, Crushed Fine aggregate Max 15%, Mixed Fine aggregate Max 12%, Manufactured Fine aggregate Max 10%

Note:
The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid
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Samples will be disposed after 30 days from the date of issue of test certificate

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

CIVIL PRO Sig Date BANGALORE

****End of Report****

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4, 7TH MAIN MALLESWARAM, BANGALORE - 3

Format No: CP/TR/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 30/08/2018

Lab ID	:	CP-2018-08-27-06
Customer	:	Assistant Executive Engineer, T Dasarahalli Sub Division, BBMP, Bangalore
Address	:	T Dasarahalli Sub Division, BBMP, Bangalore
Project Name	:	Improvements to roads and drains at between 5th main & 6th cross roads Manjunatha Nagara in Ward No.14 Bagalagunte
Agency	:	Technical Manager West, K.R.I.D.L, Project Implementation Unit, No.280, 59th Cross, 17th C Main road, 3rd T Block, Rajajinagar, Bangalore-560010
Customer's Reference	:	BBMP/EE/DD/WO/76/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	27-08-18
Sample ID No	:	2018-08-27-06 /01
Customer ID	:	M20 Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	30/08/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	M20 Concrete	M20	23/08/2018	30/08/2018	150.42 X 150.54 X 150.45	22644	8.312	389.5	17.2	17.2
2	M20 Concrete	M20	23/08/2018	30/08/2018	150.42 X 150.54 X 150.45	22644	8.331	398.5	17.6	
3	M20 Concrete	M20	23/08/2018	30/08/2018	150.32 X 150.54 X 150.35	22629	8.345	380.2	16.8	

Note:
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Samples will be disposed after 90 days from the date of issue of test certificate

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R KARTHIK RECHAN
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Quality Manager

CIVIL PRO BANGALORE Sig ..... Date.....

****End of Report****

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Certificate No : TC-0634

TEST REPORT OF CEMENT CONCRETE CUBES

Format No. CP/TR/01

Lab ID	:	CP-2018-08-27-06
Customer	:	Assistant Executive Engineer, T Dasarahalli Sub Division, BBMP, Bangalore
Address	:	T Dasarahalli Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to roads and drains at between 5th main & 6th cross roads Manjunatha Nagara in Ward No 14 Bagalagunte
Agency	:	Technical Manager West, K R I D L, Project Implementation Unit, No 280, 59th Cross, 17th C Main road, 3rd Y Block, Rajajinagar, Bangalore-560010
Customer's Reference	:	BBMP/EE/DD/WO/76/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	27-08-18
Sample ID No	:	2018-08-27-06 /02
Customer ID	:	M20 Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl 5
Date of test	:	20/09/2018

Date: 20/09/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	M20 Concrete	M20	23/08/2018	20/09/2018	150.42 X 150.54 X 150.45	22644	8.312	538.9	23.8	23.5
2	M20 Concrete	M20	23/08/2018	20/09/2018	150.42 X 150.54 X 150.45	22644	8.331	518.6	22.9	
3	M20 Concrete	M20	23/08/2018	20/09/2018	150.32 X 150.54 X 150.35	22629	8.345	536.3	23.7	

Note:
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R KARTHIK RECHAN
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Quality Manager

CIVIL Pro Sig Date BANGALORE

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[illegible] # 4, 7TH MAIN, HALLEDHARAM, BANGALORE -1

TEST REPORT ON CEMENT CONCRETE CUBES

Format No: CP/[illegible]

Lab ID	:	CP/2018-08-27-46
Customer	:	Assistant Executive Engineer, T.Dasarahalli Sub Division, KRIDL, Bangalore.
Address	:	T.Dasarahalli Sub Division, KRIDL, Bangalore.
Project Name	:	Improvements to roads and drains at Junction 7th main & 6th cross main Maruthinilaya Nagara in Ward No. 14 Bangalore.
Agency	:	Technical Manager Mrs. K.R.I.D.L. Project Implementation Unit, No.280, 10th Cross, 17th C Main road, 3rd T Block, Rajajinagar, Bangalore-560010
Customer's Reference	:	KRIDL/EE/DSD/WO/Tech/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	27-08-18
Sample ID No	:	2018-08-27-06-03
Customer ID	:	M25 Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M25 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete CL4
Date of test	:	30/08/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm²)	Average Compressive Strength (N/mm²)
1	M25 Concrete	M25	23/08/2018	30/08/2018	150.23 X 150.20 X 150.37	22585	8.288	401.9	17.8	18.2
2	M25 Concrete	M25	23/08/2018	30/08/2018	150.28 X 150.34 X 150.32	22590	8.323	408.9	18.1	
3	M25 Concrete	M25	23/08/2018	30/08/2018	150.28 X 150.34 X 150.28	22590	8.342	420.2	18.6	

Note:
The results pertain to the samples received and tested.
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TEST REPORT OF CONCRETE CUBE/CYLINDER

Lab ID
Customer
Address
Project Name

Agency
Customer's Reference
Source of Sample
Sample Condition
Date of Receipt
Sample ID No
Customer ID
Sample Type /Size
Sample grade/Age
Reference to BIS codes

: Sample supplied by Agency
: Satisfactory
: 21.08.18
: 2018.08.21.08. ISA
: M20 Concrete
: 150X150X150 mm
: M20 / 28 Days Compressive Strength
: IS: 516 - 1959 Methods of Tests for Strength of Concrete (1)

Date of test : 20/09/2018

Sl. No	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimens (mm)	Cross sectional area (Sq.mm)	Weight of the sample (Kg)	Density (Kg/m³)	Compressive strength (N/mm²)	Average Compressive Strength (N/mm²)
1	M20 Concrete	M20	23/08/2018	20/09/2018	150.02 X 150.04 X 150.05	22504	8.040	2532.4	20.4	20.6
2	M20 Concrete	M20	23/08/2018	20/09/2018	150.03 X 150.04 X 150.05	22509	8.054	2532.7	22.7	
3	M20 Concrete	M20	23/08/2018	20/09/2018	150.03 X 150.04 X 150.05	22509	8.016	2532.8	20.6	

Note:
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Samples will be disposed after 90 days from the date of issue of test certificate

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4, 7TH MAIN MALLESWARAM, BANGALORE - 3

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 30/08/2018

Lab ID	:	CP-2018-08-27-06
Customer	:	Assistant Executive Engineer, T.Dasarahalli Sub Division, BBMP, Bangalore.
Address	:	T.Dasarahalli Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to roads and drains at between 5th main & 6th cross roads Manjunatha Nagara in Ward No.14 Bagalagunte
Agency	:	Technical Manager West, K.R.I.D.L, Project Implementation Unit, No.280, 59th Cross, 17th C Main road, 3rd V Block, Rajajinagar, Bangalore-560010
Customer's Reference	:	BBMP/EE/DD/WO/76/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	27-08-18
Sample ID No	:	2018-08-27-06 /05
Customer ID	:	M20 Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	30/08/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	M20 Concrete	M20	23/08/2018	30/08/2018	150.32 X 150.30 X 150.24	22593	8.348	399.9	17.7	17.9
2	M20 Concrete	M20	23/08/2018	30/08/2018	150.32 X 150.35 X 150.40	22601	8.339	411.3	18.2	
3	M20 Concrete	M20	23/08/2018	30/08/2018	150.33 X 150.35 X 150.30	22602	8.322	404.6	17.9	

Note:
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Samples will be disposed after 90 days from the date of issue of test certificate

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

CIVIL PRO Sig. Date. BANGALORE

Rejected samples will be disposed after one month from the date of issue of test certificate, unless otherwise requested.

****End of Report****

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2018-08-27-06 **Date:** 20/09/2018

Customer : Assistant Executive Engineer, T.Dasarahalli Sub Division, BBMP, Bangalore.

Address : T.Dasarahalli Sub Division, BBMP, Bangalore

Project Name : Improvements to roads and drains at between 5th main & 6th cross roads Manjunatha Nagara in Ward No.14 Bagalagunte

Agency : Technical Manager West, K.R.I.D.L, Project Implementation Unit, No.280, 59th Cross, 17th C Main road, 3rd Y Block, Rajajinagar, Bangalore-560010

Customer's Reference : BBMP/EE/DD/WO/76/2017-18

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 27-08-18

Sample ID No : 2018-08-27-06 /06

Customer ID : M20 Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 20/09/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	M20 Concrete	M20	23/08/2018	20/09/2018	150.31 X 150.40 X 150.34	22607	8.360	515.4	22.8	22.8
2	M20 Concrete	M20	23/08/2018	20/09/2018	150.32 X 150.43 X 150.37	22613	8.386	522.4	23.1	
3	M20 Concrete	M20	23/08/2018	20/09/2018	150.24 X 150.36 X 150.30	22590	8.375	506.0	22.4	

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R KARTHIK RECHAN
Authorized Signatory
Quality Manager

CIVIL PRO BANGALORE Sig Date

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